

L31 ANSWER 23 OF 66 HCAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1998:608590 HCAPLUS Full-text  
 DOCUMENT NUMBER: 129:217393  
 TITLE: p-Hydroxybenzoic esters and plasticizers, polyamide resin compositions, and molded objects therewith  
 INVENTOR(S): Fukuda, Hideo; Fujitani, Yoshifumi; Kohzu, Ryuichi  
 PATENT ASSIGNEE(S): New Japan Chemical Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 59 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: **Patent**  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9838152	A1	19980903	WO 1998-JP814	19980227 <--
W: CA, CN, JP, KR, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2283109	A1	19980903	CA 1998-2283109	19980227 <--
EP 974575	A1	20000126	EP 1998-905687	19980227 <--
R: DE, ES, FR, GB, IT, SE				
US 6348563	B1	20020219	US 1999-380278	19990827 <--
US 2002032303	A1	20020314		
PRIORITY APPLN. INFO.:			JP 1997-62243	A 19970228 <--
			WO 1998-JP814	W 19980227 <--

OTHER SOURCE(S): MARPAT 129:217393

AB Title p-hydroxybenzoic esters have the general formula  $R_1O(A_1O)_nCO-p-C_4H_6OH$ , wherein  $R_1 = C_6-10$  linear or branched alkyl;  $A_1 = C_2-4$  alkylene; and  $n =$  an integer of 1-8. The esters are useful as plasticizers for polyamide resins selected from nylon 11 and nylon 12. Polyamide resin compns. comprising any of the esters and at least one polyamide resin selected from nylon 11 and nylon 12 give molded products having excellent high-temperature volatilization resistance and low-temperature impact resistance. Thus, a sheet having good compatibility, mech. properties, low-temperature impact resistance, high-temperature volatilization resistance, and oil resistance was prepared from a composition comprising 100 parts Ube Nylon 3030B and 15 parts 2'-ethylhexyloxyethoxyethyl p-hydroxybenzoate.

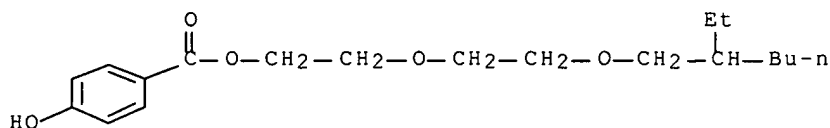
IT 212385-98-3P 212386-00-0P 212386-01-1P  
 212386-02-2P

RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP (Preparation); USES (Uses)

(p-Hydroxybenzoic esters useful as plasticizers for polyamide resin compns.)

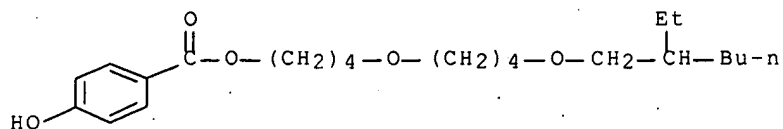
RN 212385-98-3 HCAPLUS

CN Benzoic acid, 4-hydroxy-, 2-[2-[(2-ethylhexyl)oxy]ethoxy]ethyl ester (9CI)  
 (CA INDEX NAME)

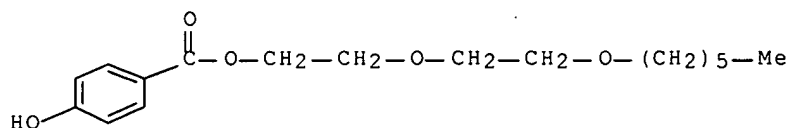


RN 212386-00-0 HCAPLUS

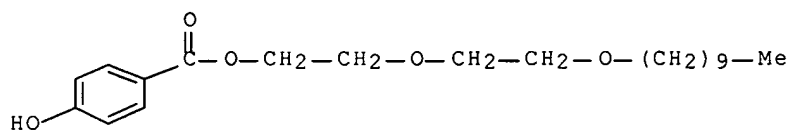
CN Benzoic acid, 4-hydroxy-, 4-[4-[(2-ethylhexyl)oxy]butoxy]butyl ester (9CI)  
 (CA INDEX NAME)



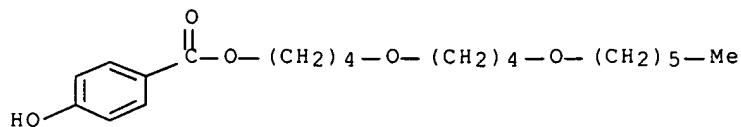
RN 212386-01-1 HCAPLUS  
 CN Benzoic acid, 4-hydroxy-, 2-[2-(hexyloxy)ethoxy]ethyl ester (9CI) (CA INDEX NAME)



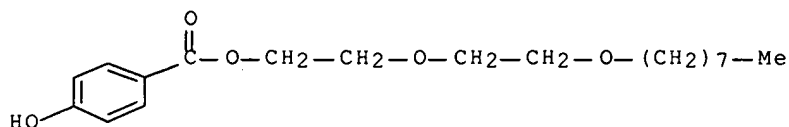
RN 212386-02-2 HCAPLUS  
 CN Benzoic acid, 4-hydroxy-, 2-[2-(decyloxy)ethoxy]ethyl ester (9CI) (CA INDEX NAME)



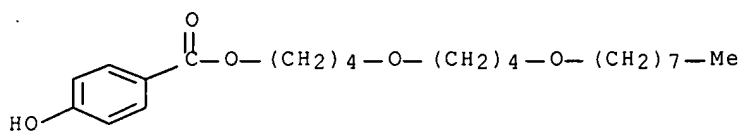
IT 212386-03-3 212386-04-4 212386-05-5  
 212386-06-6 212395-24-9 212395-27-2  
 212395-30-7 212395-33-0  
 RL: MOA (Modifier or additive use); USES (Uses)  
 (p-Hydroxybenzoic esters useful as plasticizers for polyamide resin compns.)  
 RN 212386-03-3 HCAPLUS  
 CN Benzoic acid, 4-hydroxy-, 4-[4-(hexyloxy)butoxy]butyl ester (9CI) (CA INDEX NAME)



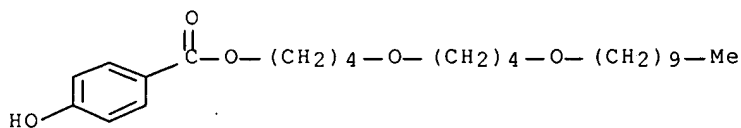
RN 212386-04-4 HCAPLUS  
 CN Benzoic acid, 4-hydroxy-, 2-[2-(octyloxy)ethoxy]ethyl ester (9CI) (CA INDEX NAME)



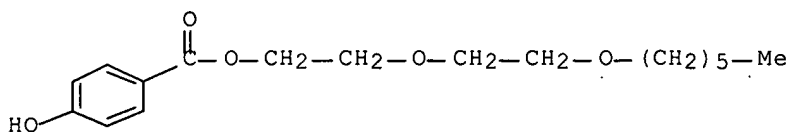
RN 212386-05-5 HCAPLUS  
 CN Benzoic acid, 4-hydroxy-, 4-[4-(octyloxy)butoxy]butyl ester (9CI) (CA INDEX NAME)



RN 212386-06-6 HCAPLUS  
 CN Benzoic acid, 4-hydroxy-, 4-[4-(decyloxy)butoxy]butyl ester (9CI) (CA INDEX NAME)

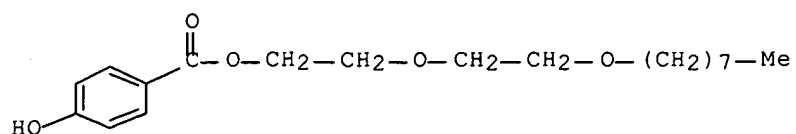


RN 212395-24-9 HCAPLUS  
 CN Benzoic acid, 4-hydroxy-, 2-[2-(hexyloxy)methylethoxy]methylethyl ester (9CI) (CA INDEX NAME)



2 ( D1-Me )

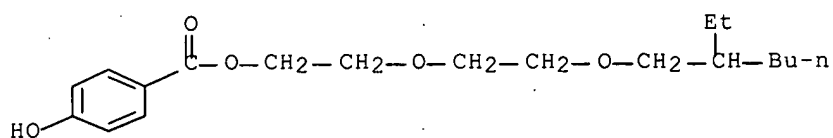
RN 212395-27-2 HCAPLUS  
 CN Benzoic acid, 4-hydroxy-, 2-[2-(octyloxy)methylethoxy]methylethyl ester (9CI) (CA INDEX NAME)



2 ( D1—Me )

RN 212395-30-7 HCAPLUS

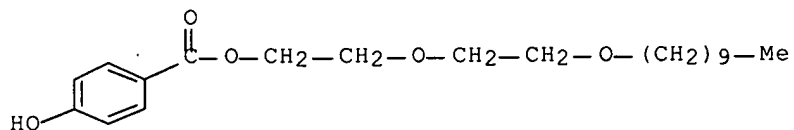
CN Benzoic acid, 4-hydroxy-, 2-[2-[(2-ethylhexyl)oxy]methylethoxy]methylethyl ester (9CI) (CA INDEX NAME)



2 ( D1—Me )

RN 212395-33-0 HCAPLUS

CN Benzoic acid, 4-hydroxy-, 2-[2-(decyloxy)methylethoxy]methylethyl ester (9CI) (CA INDEX NAME)



2 ( D1—Me )